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## PATENTS

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors:	Dally et al.	Atty. Dckt.	TIP/TEL
Serial No.	10/822,890	Examiner:	Unknown
Filed:	04/13/2004	Grp Art Unit:	2879
For:	Improved Source for Energetic Electrons		

### Certificate of Mailing

I, Stanley Z. Cole, hereby certify that this paper is being mailed first class mail with the U.S. Postal Service with proper postage affixed addressed to the Commissioner for Patents P.O Box 1450, Alexandria, VA 22313-1450 on the date set forth below.

Date: October 12, 2004

Signed

### Statement Filed Pursuant To The Duty To Disclose Under 37 CFR § 1.56, §1.97 and §1.98

Honorable Commissioner of Patents and Trademarks:

Pursuant to the duty to disclose under 37 CFR §§1.56, 1.97 and 1.98, Applicants request consideration of this Information Disclosure Statement.

This Information Disclosure Statement is being filed prior to the first Office Action on the merits in the above-identified case. No fee or certificate is therefore required.

Applicants make of record in the above-identified application the prior art listed on the attached form PTO/SB/08A, 2 pages.

A copy of each of the listed patents is attached.

The submitted art is cited as technical background information for the present invention. It is believed that the present invention as described in the present claims is patentable over these references alone or in combination.

It is respectfully requested that:

1. The Examiner consider completely the cited references in reaching a determination concerning the patentability of the claims in this application;

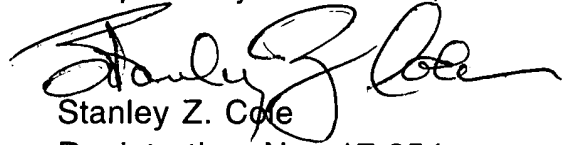
2. The Examiner sign the enclosed PTO forms listing the references to evidence that the cited patents and publication have been fully considered by the Patent Office during the examination of this application and that the references listed on the attached submission be printed on any patent that issues from this application.

By submitting this Information Disclosure Statement, Applicants make no representation that a search has been made, or the extent of any search, or that more relevant information does not exist.

By submitting this Information Disclosure Statement, Applicants make no representation that the information cited in the Statement is, or is considered to be, material to patentability as defined in 37 CFR §1.56 (b).

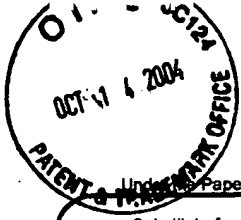
Notwithstanding any statement by Applicants the Examiner is urged to form his or her own conclusion(s) regarding the relevance of the cited references.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Stanley Z. Cole", written over the printed name.

Stanley Z. Cole  
Registration No. 17,654  
Applicants Attorney

(650) 941-0887



Substitute for form 1449/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet 1 of 2

### Complete if Known

Application Number	10/822,890
Filing Date	04/13/2004
First Named Inventor	Edgar B Dally
Art Unit	2879
Examiner Name	Unknown
Attorney Docket Number	TIP/TEL 201

U. S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
	A	US- 3,617,740	11-02-1971	B. Skillcorn	see attached
	B	US- 3,780,334	12-18-1973	H. Leboutet	see attached
	C	US- 3,956,712	05-11-1976	W. Hant	see attached
	D	US- 4,061,944	12-06-1977	G. Gay	see attached
	E	US- 4,100,450	07-11-1978	W. A. Frutiger et al	see attached
	F	US- 4,359,666	11-16-1982	R. Tomoe	see attached
	G	US- 4,664,769	05-12-1987	J. Cuomo et al	see attached
	H	US- 4,728,846	03-01-1988	H. Yasuda	see attached
	J	US- 4,899,354	02-06-1990	A. Reinhold	see attached
	K	US- 5,126,633	06-30-1992	T. Avnery et al	see attached
	L	US- 5,319,211	06-07-1994	S. Matthews et al	see attached
	M	US- 5,378,898	01-03-1995	P. Schonberg et al	see attached
	N	US- 5,457,269	10-10-1995	P. Schonberg	see attached
	O	US- 5,483,074	01-09-1996	R. True	see attached
	P	US- 5,523,577	06-04-1996	P. Schonberg et al	see attached
	Q	US- 5,557,163	09-17-1996	G. Wakalopulos	see attached
	R	US- 5,612,588	03-18-1997	G. Wakalopulos	see attached
	S	US- 5,621,270	04-15-1997	C. Allen	see attached
	T	US- 5,627,871	05-06-1997	C. Wang	see attached

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

Examiner  
Signature

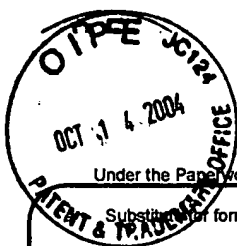
Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND

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PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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Substitution form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 2 of 2

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		Number-Kind Code <sup>2</sup> (if known)			
	U	US- 5,783,900	07-21-1998	S. Humphries Jr et al	see attached
	V	US- 5,749,638	05-12-1998	H. Cornelissen et al	see attached
	W	US- 5,789,852	08-04-1998	H. Cornelissen et al	see attached
	X	US- 5,909,032	06-01-1999	G. Wakalopoulos	see attached
	Y	US- 5,962,995	10-05-1999	T. Avnery	see attached
	Z	US- 6,255,767 B1	07-03-2001	J. Lee et al	see attached
	AA	US- 6,407,492 B1	06-18-2002	T. Avnery et al	see attached
	BB	US- 6,545,398 B1	04-08-2003	T. Avnery	see attached
	CC	US- 6,630,774 B2	10-07-2003	T. Avnery	see attached
	DD	US- 6,674,229 B2	01-06-2004	T. Avnery et al	see attached
	EE	US- 2003/0021377 A1	01-30-2003	C Turner et al	see attached
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